

Laboratory	Central Aquaculture Pathology Division, Rajiv Gandhi Centre for Aquaculture, (MPEDA, Ministry of Commerce & Industry, Govt of India), 3/197, Poompuhar Road, Karaimesu Village, Nagapattinam Dist, Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Biological Testing	Issue Date	24.05.2014
Certificate Number	T-2972	Valid Until	23.05.2016
Last Amended on	-	Page	1 of 5

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	MOLECULAR ANALYSIS			
1.	PATHOGEN DETECTION			
A.	Crab & Crab Products	White spot syndrome virus (WSSV)	IQ 2000 WSSV Instruction manual by GeneReach August 2012 (Internal SOP NO. 01, Issue Date. 01.05.2013)	Qualitative test
B.	Artemia & Artemia products	White spot syndrome virus (WSSV)	IQ 2000 WSSV Instruction manual by GeneReach August 2012 (Internal SOP NO. 01, Issue Date. 01.05.2013)	Qualitative test
C.	C. Shrimp & Shrimp products	White spot syndrome virus (WSSV)	IQ 2000 WSSV protocol by GeneReach, August 2012 Internal SOP NO. 01, Issue Date. 01.05.2013) IQ REAL WSSV protocol by GeneReach, December 2008 (Internal SOP NO. 01, Issue Date. 01.05.2013)	Qualitative test

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Last Amended on	-	Page	2 of 5

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		Infectious Hypodermal & Haematopoietic Necrosis Virus (IHHNV)	IQ 2000 IHHNV protocol by GeneReach, August 2012 (Internal SOP NO. 02, Issue Date. 01.05.2013) IQ REAL IHHNV protocol by GeneReach, December 2008 (Internal SOP NO. 02, Issue Date. 01.05.2013)	Qualitative test
		Taura syndrome virus (TSV)	IQ 2000 TSV protocol by GeneReach, August 2012 (Internal SOP NO. 03, Issue Date. 01.05.2013) IQ REAL TSV protocol by GeneReach, December 2008 (Internal SOP NO. 03, Issue Date. 01.05.2013)	Qualitative test
		Yellow head virus (HV) & Gill associated virus (GAV)	IQ 2000 YHV protocol by GeneReach, August 2012 (Internal SOP NO. 04, Issue Date. 01.05.2013) IQ REAL YHV protocol by GeneReach, December 2008 (Internal SOP NO. 04, Issue Date. 01.05.2013)	Qualitative test

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Certificate Number	T-2972	Valid Until	23.05.2016
Last Amended on	-	Page	3 of 5

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		Infectious Myonecrosis Virus (IMNV)	IQ 2000 IMNV protocol by GeneReach, January 2011 (Internal SOP NO. 05, Issue Date. 01.05.2013) IQ REAL IMNV protocol by GeneReach, January 2011 (Internal SOP NO. 05, Issue Date. 01.05.2013)	Qualitative test
		Mourillyan virus (MoV)	IQ 2000 MoV protocol by GeneReach August 2012 (Internal SOP NO. 06, Issue Date. 01.05.2013)	Qualitative test
		Monodon Baculo Virus (MBV)	IQ 2000 MBV protocol by GeneReach August 2012 (Internal SOP NO. 07, Issue Date. 01.05.2013)	Qualitative test
		Hepatopancreatic Parvo Virus (HPV)	IQ 2000 HPV protocol manual by GeneReach August 2012 (Internal SOP NO. 08, Issue Date. 01.05.2013)	Qualitative test

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Last Amended on	-	Page	4 of 5

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		Necrotising hepatopancreatitis – α -Proteobacteria (NHP –B)	IQ 2000 NHP-B protocol by GeneReach, August 2012 (Internal SOP NO. 09, Issue Date. 09.05.2013) IQ REAL NHP-B protocol by GeneReach, November 2011 (Internal SOP NO. 09, Issue Date. 01.05.2013)	Qualitative test
		Ricketssia like bacterial disease (RLB - TAN)	PCR Protocol and Detection as per Diseases of Aquatic organisms, Volume-91, Year - 2010, Page no: 105-112 & DNA Extraction as per GeneReach Biotech Corpon., Taiwan, IQ-2000 and IQ Real PCR Kit Protocol. (Internal SOP NO. 11, Issue Date. 01.05.2013)	Qualitative test
		Ricketssia like bacterial disease (RLB – MAD)	PCR Protocol and Detection as per Diseases of Aquatic organisms, Volume-91, Year - 2010, Page no: 105-112 & DNA Extraction as per GeneReach Biotech Corpon., Taiwan, IQ-2000 and IQ Real PCR Kit Protocol (Internal SOP NO. 11, Issue Date. 01.05.2013)	Qualitative test

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Last Amended on	-	Page	5 of 5

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		Spawner associated mortality virus (SMV)	PCR Protocol and Detection as per Development of Diagnostic Capability for Priority Aquatic Diseases of National Significance: Spawner- Isolated Mortality Virus, FINAL REPORT, 2004 & DNA Extraction as per GeneReach Biotech Corpon., Taiwan, IQ-2000 and IQ Real PCR Kit Protocol. (Internal SOP NO. 10, Issue Date. 01.05.2013)	Qualitative test
D.	Prawn & Prawn Products	Macrobrachium rosenbergii Noda virus (Mr NV)	IQ 2000 MrNV protocol by GeneReach August 2012 (Internal SOP NO. 12, Issue Date. 01.05.2013)	Qualitative test

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